

Classifying triangles and quadrilaterals by properties

MODULE 7 · 2D SHAPE, 3D SHAPE AND ANGLES SHAPE & SPACE

HOW TO ANSWER TODAY

- **Name a 2D shape.** Count sides, check which are equal, count right angles, check parallel pairs. Then name it.

4 equal sides, 0 right angles → rhombus · 4 sides, 1 pair parallel → trapezium

★ STRETCH PROBLEMS

- 1 Róisín is choosing shapes for a tessellation pattern on the corridor display. Which 2D shape has these properties: **8** equal sides and **8** equal angles?
- 2 Róisín is cutting fabric shapes for the bunting at the school summer fair. She needs a shape with **5** equal sides and **5** equal angles. Which 2D shape has these properties?
- 3 Aoife cuts paper shapes to decorate the class door for Seachtain na Gaeilge. One shape has **4** sides with **1** pair of parallel sides and the other **2** sides equal in length. Which 2D shape has these properties?
- 4 Aoife is painting shapes on a banner for GAA finals day. One shape has **6** equal sides and **6** equal angles. Which 2D shape is it?
- 5 Saoirse is cutting tiles for a homemade Snakes and Ladders board in 6th class. One tile has **4** sides arranged as **2** pairs of equal sides next to each other. Which 2D shape has these properties?



SHAPE & SPACE